

## SEQUENCE LISTING

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<120> LONG-ACTING DERIVATIVES OF PYY AGONISTS

<130> YEDA-045 PCT

<150> US 60/460,820

<151> 2003-04-08

<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 36

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> MOD\_RES

<222> (36)..(36)

<223> AMIDATION of the C-terminus residue

<400> 1

Tyr	Pro	Ile	Lys	Pro	Glu	Ala	Pro	Gly	Glu	Asp	Ala	Ser	Pro	Glu	Glu
1				5					10					15	

Leu	Asn	Arg	Tyr	Tyr	Ala	Ser	Leu	Arg	His	Tyr	Leu	Asn	Leu	Val	Thr
			20					25					30		

Arg	Gln	Arg	Tyr
			35

<210> 2

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> MOD\_RES

<222> (34)..(34)

<223> AMIDATION of the C-terminus residue

<400> 2

Ile	Lys	Pro	Glu	Ala	Pro	Gly	Glu	Asp	Ala	Ser	Pro	Glu	Glu	Leu	Asn
1				5				10						15	

Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln  
20 25 30

Arg Tyr

<210> 3  
<211> 34  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic

<220>  
<221> MOD\_RES  
<222> (1)..(2)  
<223> Ile (position 1) is substituted by FMS, Lys (position 2) is substituted by epsilon-FMS

<220>  
<221> MOD\_RES  
<222> (34)..(34)  
<223> AMIDATION of the C-terminus residue

<400> 3

Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu Leu Asn  
1 5 10 15

Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln  
20 25 30

Arg Tyr